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1 February 2008

Mr. Gary Miller  
Task Order Monitor  
U.S. Environmental Protection Agency (EPA)  
1445 Ross Avenue, Suite 1200  
Dallas, TX 75202-2733

**Subject: Analytical Data Summary/Analytical Data Package  
Ground Water Split Sample (3 December 2007)  
Gulco Marine Maintenance Site RI/FS Oversight  
U.S. Environmental Protection Agency Region 6  
Remedial Action Contract 2, Contract: EP-W-06-004  
Task Order: 0006-RSBD-06JZ**

Dear Mr. Miller:

EA is submitting the hard-copy version of the analytical data summary and analytical data package associated with the ground water split sample obtained from monitoring well NE3MW30B on 3 December 2007. The ground water split sample was analyzed for volatile organic compounds (SW-846 Method 8260B), semivolatile organic compounds (SW-846 Method 8270C), and organochlorine pesticides (SW-846 Method 8081A).

On 2 January 2008, EA submitted to EPA the electronic version of the analytical results summary (in PDF) and electronic data deliverable (EDD; in MS Excel format).

Based on data validation performed by EA, all of the data for ground water split sample NE3MW30B is considered usable as qualified, with the following exceptions:

- n-Butanol and trans-1,4-dichloro-2-butene were qualified (R) and should be considered unusable based on the initial calibration.
- Acrolein, acrylonitrile, and 2-chloroethyl vinyl ether were qualified (R) and should be considered unusable based on the continuing calibration.

It should be noted that the project sample was diluted by the laboratory due to the high concentrations of several volatile organic compounds (VOCs), including methylene chloride, tetrachloroethene, trichloroethene, and 1,2-dichloroethane. The dilution caused other VOCs to be reported as non-detect with elevated reporting limits, such as vinyl chloride (<4,000 microgram per liter [ $\mu\text{g/L}$ ]), acetone (<8,200  $\mu\text{g/L}$ ), benzene (<3,900  $\mu\text{g/L}$ ), etc. These elevated



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reporting limits could result in difficulty comparing the split sample results with the potentially responsible party's results.

If you have any questions regarding this submittal, please call me at (972) 459-5040.

Sincerely,



Luis Vega  
Project Manager

Enclosure

cc: Michael Pheeny, EPA Contracting Officer (letter only)  
Rena McClurg, EPA Project Officer (letter only)  
Fritz Meyer, EA Program Manager (letter only via e-mail)  
Jeff Hills, EA Financial Manager (letter only via e-mail)  
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